DIRECTOR, U.S. PATENT AND TRADEMARK DEFICE WASHINGTON, DC 20231

ransmitted herewith for filing is the patent **a**pplication of:

PTO Inventors:

Dawei HUANG and Feng QI

For:

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The following items are enclosed:

Patent Application: 22 pages, 22 claims.

6 sheets of drawings.

The suggested drawing figure to be published is FIG. ____1

A Declaration and Power of Attorney.

Citation Under 37 CFR 1.97 and PTO-1449.

Assignee info:

Name: Address: Lucent Technologies Inc.

600 Mountain Avenue, P.O. Box 636 Murray Hill, New Jersey 07974-0636

State of Incorporation: Delaware

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The filing fee has been calculated as shown below:

## 1									
CLAIMS AS FILED									
122 122 1432	(Col. 1)		(Col. 2)		SMALL ENTITY			LARGE ENTITY	
FOR:	# FILED		# EXTRA		RATE	FEE		RATE	FEE
BASIC FEE						\$ 370	<u>OR</u>		\$ 740
TOTAL CLAIMS	22	-20	2		X 9	\$	<u>OR</u>	X 18	\$ 36
INDEP CLAIMS	3	- 3	-0-		X 42	\$	<u>OR</u>	X 84	\$ -0-
[] MULTIPLE DEPENDENT CLAIM PRESENTED					+	\$	<u>OR</u>		
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.					TOTAL	\$ ***		TOTAL	\$ 776

[X] [X]	Enclosed is a check in the amount of \$ 776.00 to cover the Filing Fee Enclosed is a check in the amount of \$ 40.00 to cover the Assignment record
-[X]	Enclosed is a check in the amount of \$_40.00 to cover the Assignment rec

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Please associate this application with Customer No. 27975. [X]

March 4, 2002

RICHARD K. WARTHER Reg. No. 32,180